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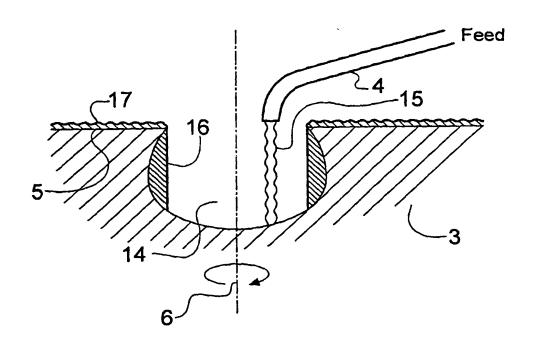
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(54) Title: ROTATING SURFACE OF REVOLUTION REACTOR WITH FEED AND COLLECTION MECHANISMS



## (57) Abstract

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A reactor including a rotatable disc (3) having a trough (13) in an upper surface (5) thereof. Reactant (15) is supplied to the trough (13) by way of a feed (4), the disc (3) is rotated at high speed, and the reactant (15) spills out of the trough (13) so as to form a film (17) on the surface (5). As the reactant (15) traverses the surface (5) of the disc (3), it undergoes chemical or physical processes before being thrown from the periphery of the disc (3) into collector means (7).